

**AP Psychology****Exam 7 – Cognitive Psychology****Name:** \_\_\_\_\_**Period:** \_\_\_\_\_**OPEN RESPONSE** (33% of 100 Points)Time Allotted: 25 Minutes

Directions: Using *complete sentences and paragraph form*, write an answer for the following essay according to the information given. Write your answer within the space provided on the back of this page.

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Porter is a junior in high school and is preparing for an exam in his beginning Japanese course. The exam will consist of both written and spoken portions. Although it is his first course in Japanese, Porter is already fluent in two other languages, English and French, and is very confident that he will do well on the exam.

A. Describe how each of the following relates to Porter's successful learning and performance.

- Use of phonemes
- Convergent thinking
- Context-dependent memory

B. Describe how each of the following may HINDER Porter as he is *taking* the exam.

- Retroactive Interference
- Fixation

C. After the exam, Porter tells his family and friends that he believes that he spoke fluently and did extremely well on the exam. Describe how each of the following concepts may have influenced his opinion.

- Self-efficacy
- Confirmation bias

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Use of Phonemes	
Convergent thinking	
Context-dependent Memory	
Retroactive Interference	
Fixation	
Self-Efficacy	
Conformation Bias	

Total: \_\_\_\_\_ / 7 X 33 = \_\_\_\_\_

## AP Psychology

### Exam 7 – Scoring Rubric – Open Response

#### Point 1: Use of Phonemes

- Explanation: Must relate use of phonemes to production or recall of Japanese SOUNDS, combining SOUNDS to form words, OR recognition of *individual* Japanese sounds.
- Example: "When Porter has difficulties with words on the spoken portion of the exam, he will use phonemes by sounding out each individual sound of the words."

#### Point 2: Convergent Thinking

- Explanation: Must give explanation about learning of language and performance on the exam in terms of focusing in on ONE solution to a problem (or question on the exam).
- Example: "As Porter answers each written question, he uses convergent thinking to focus in on the one correct answer."

#### Point 3: Context-dependent Memory

- Explanation: Must relate context-dependent memory to learning (learns in a specific environment/context) AND how this translates to performance on the exam (more likely to remember more answers if placed back in the same context where learning took place)
- Example: "According to the notion of context-dependent memory, taking the exam in the same classroom where Porter learned Japanese will enhance his ability to recall the answers."

#### Point 4: Retroactive Interference

- Explanation: Must explain how retroactive interference (blocking of an *old* memory from recall by a *new* memory) HINDERS Porter's recall of Japanese while taking the exam.
- Example: "Because of retroactive interference, Porter found it hard to remember Japanese for his exam because the information from the science class he had before this kept coming to mind."

#### Point 5: Fixation

- Explanation: Must show how fixation (becoming "stuck" on a problem with an inability to gain insight or find a fresh solution) HINDERS Porter as he takes the exam.
- Example: "Porter is hindered when he becomes fixated on one of the questions, and he cannot seem to come up with the correct answer for it."

#### Point 6: Self-efficacy

- Explanation: Must accurately describe how self-efficacy (one's personal belief about being able to perform a task) influenced a positive opinion about his *performance on the exam*.
- Example: "Having a strong sense of self-efficacy, Porter believes he would perform well on the exam."

#### Point 7: Confirmation bias

- Explanation: Must accurately describe how confirmation bias (*primarily* attending to information that confirms one's beliefs) influenced a positive opinion about his *performance on the exam*
- Example: "Engaging in confirmation bias as he relayed his performance on the exam, Porter only reported on the questions he knows he did well on, ignoring the other questions."